PTO/SB/22 (11-07)
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| PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) FY 2008 (Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)  |                     |                   | Docket Number (Optional)<br>S1022.81113US00 |               |
|---|---------------------|-------------------|---|---------------|
|   |                     |                   | 31022                                       |               |
| Application Number 10/816,214-Conf. #7308   |                     |                   | Filed                                       | April 1, 2004 |
| For HETEROATOMIC SINGLE-CRYSTAL LAYERS  |                     |                   |   |               |
| Art Unit 1722   |                     |                   | Examiner                                    | G. N. Rao     |
| This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.  |                     |                   |   |               |
| The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):   |                     |                   |   |               |
|   |                     | <u>Fee</u>        | Small Entity Fee                            | <u>e</u>      |
| One month (37 CFR   | I.17(a)(1))         | \$120             | \$60  | \$120.00      |
| Two months (37 CFR  | 1.17(a)(2))         | \$460             | \$230                                       | \$            |
| Three months (37 CF   | R 1.17(a)(3))       | \$1050            | \$525                                       | \$            |
| Four months (37 CFR   | 1.17(a)(4))         | \$1640            | \$820                                       | \$            |
| Five months (37 CFR   | 1.17(a)(5))         | \$2230            | \$1115                                      | \$            |
| Applicant claims small entity status. See 37 CFR 1.27.  |                     |                   |   |               |
| A check in the amount of the fee is enclosed.   |                     |                   |   |               |
| x Payment by credit card. Form PTO-2038 is attached.  |                     |                   |   |               |
| The Director has already been authorized to charge fees in this application to a Deposit Account.   |                     |                   |   |               |
| The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to   |                     |                   |   |               |
| Deposit Account Number23/2825 I have enclosed a duplicate copy of this sheet.   |                     |                   |   |               |
| WARNING: Information on this form may become public. Credit card information should not be included on this form.<br>Provide credit card information and authorization on PTO-2038. |                     |                   |   |               |
| I am the applicant/inventor.  |                     |                   |   |               |
| assignee of record of the entire interest. See 37 CFR 3.71.   |                     |                   |   |               |
| Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).   |                     |                   |   |               |
| X attorney or ac  | gent of record. Reg | gistration Number | 39,213                                      |               |
| attorney or agent under 37 CFR 1.34.  |                     |                   |   |               |
| Registration number if acting under 37 CFR 1.34   |                     |                   |   |               |
| /James M. Hanifin, Jr./   |                     |                   | December 13, 2007                           |               |
| Signature Date  |                     |                   |   |               |
|   |                     |                   | (617) 646-8000<br>Telephone Number          |               |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more                          |                     |                   |   |               |
| than one signature is required, see below.  |                     |                   |   |               |
| Total of 1  | forms are subn      | nitted.           |   |               |